



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalog Number	04-766
Product Name	Boc-Lys(Z)-OH (cryst.) Boc-N <sup>ε</sup> -Z-L-lysine
Lot Number	KTD00181
CAS Registry Number	2389-45-9
Molecular Formula	C <sub>19</sub> H <sub>28</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight	380.45
Appearance	White powder
Optical Rotation	$\alpha_D^{20} = -7.6^\circ$ (c=1, AcOH)
Assay by TLC	> 98%
CHCl <sub>3</sub> /MeOH/AcOH 90/8/2 (v/v/v)	
D-enantiomer	< 0.1%
Residue on Ignition (SO <sub>4</sub> )	0.04%
Water Content (KF)	0.07%
Purity (HPLC)	98.2%
Assay (Titration)	98.4%
Storage	Store at RT